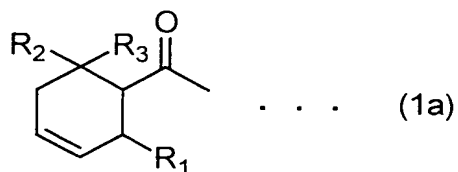


ABSTRACT OF THE DISCLOSURE

An economical process for producing (2- and/or 1-)cyclohexenyl methyl ketones which are intermediates for the synthesis of α - or β -damascone. In the presence of a catalyst, a 3-cyclohexenyl methyl ketone represented by the following formula (1a):



wherein, R_1 , R_2 and R_3 each independently represents a hydrogen atom or a methyl group and at least two of R_1 , R_2 and R_3 are methyl groups, is isomerized.